

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of the existing traffic control signal at the intersection of Us 301 and Acton Lane in Charles County, Maryland. US 301 is considered to run in north/south direction.

II. INTERSECTION OPERATION

The intersection operates in NEMA six (6) phase, full-traffic-actuated mode. There is exclusive left turn phase for both the north and southbound movement of US 301. The US 301 through movements operate concurrently. The Acton Lane movements operate as a side street split operation.

The existing cabinet/controller will be utilized. Add one additional 4-channel rack mounted loop detector amplifier.

EQUIPMENT LIST

A. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
1	EA	816	4-channel rack mounted loop detector amplifier.
1	EA	813	30 in. x 36 in. R 3-5(L) sign with mast arm mounting hardware.

B. Equipment to be furnished and installed by the Contractor.
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
130	LF	815	Sawcut for signal loop detector.
455	LF	810	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
360	LF	810	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
5	LF	805	1 in. liquid tight flexible non-metallic conduit for loop detector sleeve.
12	LF	550	24 in. wide pavement marking - white (HAPPTPM).
Lump Sum	LS	---	As-built for S.H.A. on CADD.

CONTACT LIST

The contact persons for District #5 are as follows:

Mr. Paul Armstrong
District Engineer
410-841-5450

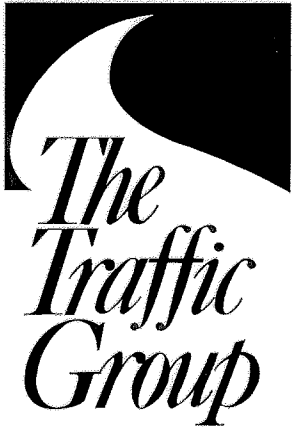
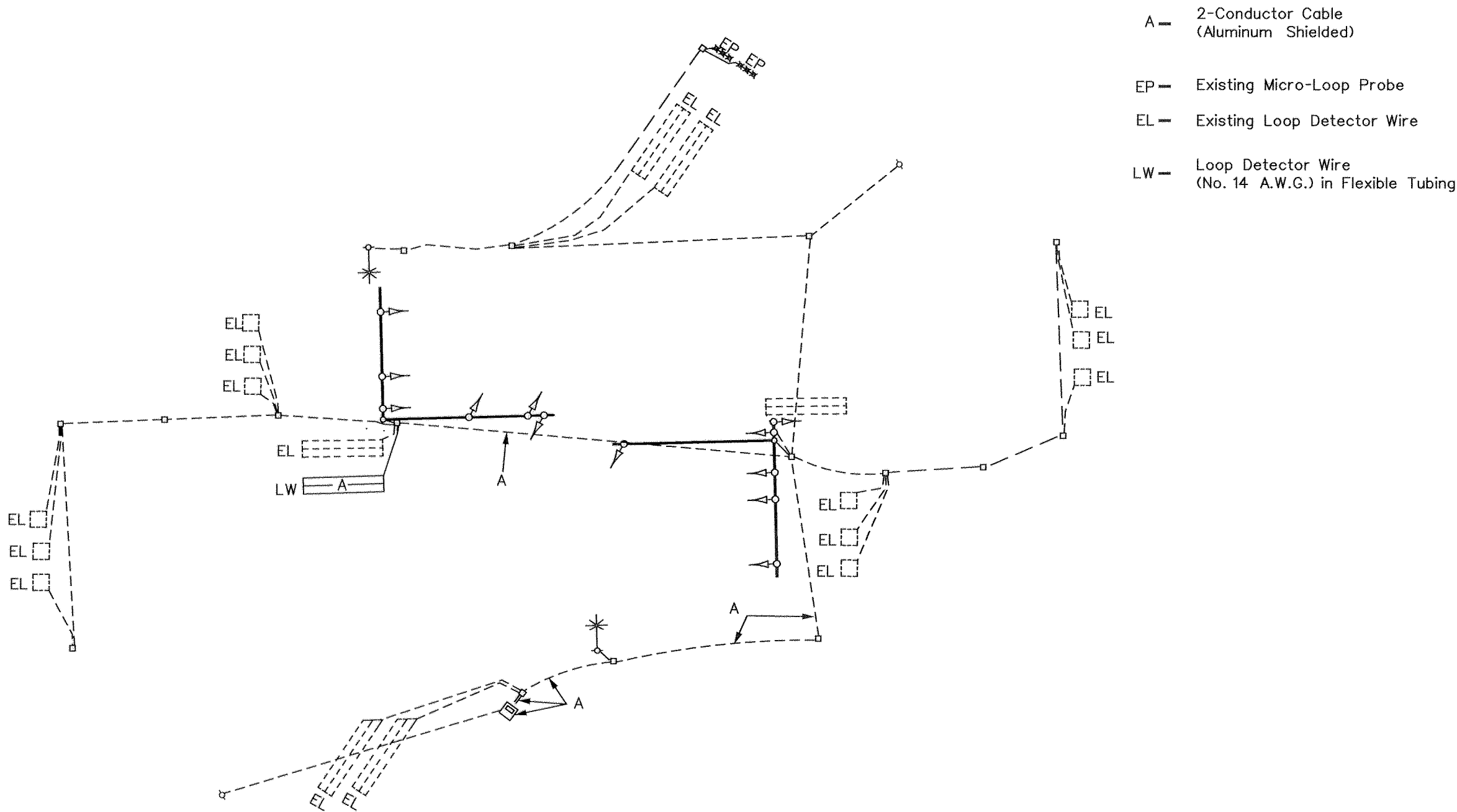
Mr. Larry Elliott
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410-841-5450

Mr. John Mays
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410-841-5450

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Assistant District Engineer - Maintenance
410-841-5450

Mr. Richard L. Daff
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Wiring Diagram



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SIGPLAN2.DGN



MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information)

US 301 at Acton Lane

DATE: June 3, 1999	LOG MILE *	PLAN SHEET NO.:	SHEET NO.
DRAWN BY: F. Hoeckel	F.A.P. NO. N/A	1185E-GI	2 of 2
CHK. BY:	S.H.A. NO. BW996M82	1825 EGI	
SCALE: N/A	COUNTY: Charles		

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